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The Gazette of India

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No. 37] NEW DELHI, SATURDAY, SEPTEMBER 12, 1998 (BHADRAPADA 21, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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CALCUTTA, 12-09-1998

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Bose Road, Calcutta-700 020.

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कलकत्ता, दिनांक 12 सितम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं। जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :-

पेटेंट कार्यालय शाखा, टी.डी. इस्टेट,
तीसरा तल, लोअर परले (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
एच.के. मार्ग, कराने बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,

थिंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन बसन्त नगर,

चेन्नई-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिडिवि द्वीप।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंटॉफिस"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीकृत सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क : शुल्कों की अवधि या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनावेश अथवा
आक आवेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है।

CORRIGENDUM

In the Gazette of India Part-III, Sec.-2 dated the 4th
April, 1998, Page-476, Col.-1 for application for Patent
No. 363/Bom/94 (180947) filed on 8th August, 1994 read
Applicant as VINO O KUMAR instead of VINOD KUMAR.

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20.

The dated shown in the crecent bracked are the dated
claimed under section 135, under Patent Act, 1970.

20-07-1998

1255/Cal/98. DR. MRINAL KANTI GHOSE, "Shelf life
of stock piled topsoil".

1256/Cal/98. DR. SUBID RAY, "Method for preparing a
medicinal substance from banana".

1257/Cal/98. ALZA CORPORATION, "Osmotic delivery
system flow modulator apparatus and method"
(Convention No. 60/053,690 on 24-7-97 in
U.S.A.).

1258/Cal/98. INTEL CORPORATION, "Memory attribute
palette" (Convention No. 08/914,578 on 18-8-97
in U.S.A.).

1259/Cal/98. KANEKA CORPORATION, "Process for
preparing pharmacologically acceptable salt of
N-[1-(S)-ethoxycarbonyl - 3 - phenylpropyl]-L-
alanine-amino acid" (Convention No. 195865/1977
on 22-7-97 in Japan).

1260/Cal/98. JOONG SHIK KIM, "Structural member
having a metal shell reinforced by a reinforcing
plate".

1261/Cal/98. MERCK PATENT GESELLSCHAFT MIT
BESCHRANKTER HAFTUNG. "Endo'helin
receptor antagonists" (Convention No. 19731571.2
on 23-7-97 in Germany).

1262/Cal/98. SUD CHEMIE MT S.R.L., "Catalysts for
dehydrogenating ethylbenzene to styrene" (Con-
vention No. MI97A001860 on 1-8-97 in Italy).

1263/Cal/98. JOHNSON & JOHNSON CONSUMER COM-
PANIES, INC., "Method for treating skin pig-
mentation" (Convention No. 60/053,942 on
28-7-97; 60/080,441 on 2-4-98; Nil on 2-7-98 on
U.S.A.).

21-07-1998

1264/Cal/98. 1. MARK HENRY STERNER; 2. MARK
MATHEW STERNER; 3. RONALD SUI ON
ZANE., "Device for preparing dehydrated legu-
minous food product" (Convention No. 08/
490,327 on 13-6-95 in U.S.A.).

- 1265/Cal/98. SAMSUNG ELECTRONICS CO. LTD., "Cellular telephone with voice dialing function" (Convention No. 33965/1997 on 21-7-97 in Korea).
- 1266/Cal/98. NKK CORPORATION, "Soft cold-rolled steel sheet and method for making the same" (Convention No. 9-215495 on 28-7-97; 9-258674 on 24-9-97 and 10-009500 on 21-1-98 in Japan).
- 1267/Cal/98. GENERAL ELECTRIC COMPANY, "Opaque silica composition" (Convention No. 08/918,456 on 26-8-97 in U.S.A.).
- 1268/Cal/98. GENERAL ELECTRIC COMPANY, "Method and apparatus for coherence filtering of ultrasound images" (Convention No. 08/934,692 on 22-9-97 in U.S.A.).
- 1269/Cal/98. MACROVISION CORPORATION, "Apparatus for modifying the envelope of a RF carrier signal to remove copy protection signals therefrom".
- 1270/Cal/98. LABORATORIES DEL DR. ESTEVE, S.A., "Derivatives of acyl-piperazinyl-pyrimidines and application as medicaments thereof" (Convention No. 9701627 on 21-7-97 in Spain).
- 1271/Cal/98. KVAERNER TECHNOLOGY & RESEARCH LIMITED, "Apparatus for metal strip shearing and coiling" (Convention No. 9715358.9 on 21-7-97 in United Kingdom).
- 1272/Cal/98. LABORATORIES DEL DR. ESTEVE S.A., "Process for the preparation of derivatives of acyl-piperazinyl pyrimidines" (Convention No. 9701627 on 21-7-97 in Spain).
- 22-07-1998
- 1273/Cal/98. SUBHRO GUHA NIYOGI, "A method of manufacturing a semi-substituent of leather and like".
- 1274/Cal/98. METALLURGICAL & ENGINEERING CONSULTANTS (INDIA) LIMITED and INDIAN INSTITUTE OF TECHNOLOGY, "Process for preparing thermoelectric modules using high temperature sustaining adhesive" (Divided out of No. 853/Cal/95, dated 25-07-1995).
- 1275/Cal/98. THOMSON TUBES AND DISPLAYS S.A., "Deflection yoke with geometry correction made by adaptability" (Convention No. 9709555 on 28-7-97 in France).
- 1276/Cal/98. SIEMENS AKTIENGESSELLSCHAFT, "Turbine blade and method for producing a turbine blade" (Convention No. 97113044.8 on 29-7-97 in EPO).
- 1277/Cal/98. SIEMENS AKTIENGESSELLSCHAFT, "Steam turbine plant" (Convention No. 19732847.4 on 30-7-97 in Germany).
- 1278/Cal/98. SIEMENS AKTIENGESSELLSCHAFT, "Process and plant for thermal waste disposal" (Convention No. 19737403.4 on 27-8-97 in Germany).
- 1279/Cal/98. CANAL + SOCIETE ANONYME, "Apparatus for encrypted data stream transmission" (Convention No. EP97402322.8 on 2-10-97 in Europe (France)).
- 1280/Cal/98. TDK CORPORATION, "Sintered magnet, bonded magnet, magnetic recording medium, and motor". (Convention No. 9-273931 on 19-09-97 in Japan).
- 1281/Cal/98. GERARD INDUSTRIES PTY. LTD., "Improved electrical switch" (Convention No. PO 8159 on 23-7-97 in Australia).
- 1282/Cal/98. MADHAVAN PISHARODI, "Rotating locking, intervertebral disk stabilizer and applicator" (Convention No. 08/900, 174 on 25-7-97 in U.S.A.).
- 23-07-1998
- 1283/Cal/98. EVERGREEN SOLAR, INC., "Encapsulant material for solar cell module and laminated glass applications". (Convention No. 08/899,512 on 24-7-97; 09/036,174 on 6-3-98 in U.S.A.).
- 1284/Cal/98. EVERGREEN SOLAR, INC., "UV light stabilization additive package for solar cell module and laminated glass applications" (Convention No. 08899,513 on 24-7-97 in U.S.A.).
- 1285/Cal/98. NEWCREATION CO. LTD., "Surface illuminating and examining apparatuses" (Convention No. 9-203353 on 29-7-97 in Japan).
- 1286/Cal/98. AISIN KIKO CO. LTD., "One-Piece flywheel having outer ring gear portion, and process of manufacturing the same" (Convention No. 9-204504 on 30-7-97 in Japan).
- 1287/Cal/98. SIEMENS AKTIENGESSELLSCHAFT, "Method for operating a sintering plant, as well as sintering plant" (Convention No. 97112726.1 on 24-7-97 in EPO).
- 1288/Cal/98. NALCO CHEMICAL COMPANY, "Monitoring of film forming living deposits" (Convention No. 08/900,546 on 25-7-97 in U.S.A.).
- The 24th July 1998
- 1289/Cal/98. Maxon Corporation, "Burner Apparatus". (Convention No. 60/053,736 on 25-7-97 in USA).
- 1290/Cal/98. PPG Industries, Inc., "Curable compositions based on functional polysiloxanes". (Convention No. 08/904597 on 1-8-97 in USA).
- 1291/Cal/98. Hoechst Aktiengesellschaft, "A process for the preparation of the compound N-(β -sulfoethyl) piperidine and derivatives thereof". (Divided out of Appln. No. 835/Cal/92 antedated to 16-11-92).
- 1292/Cal/98. Siemens Aktiengesellschaft, "Circuit arrangement for manipulation protected reception of a modulated signal". (Convention No. 19732643.9 on 29-7-97 in Germany).
- 1293/Cal/98. Kaneka Corporation, "Method of obtaining purified N-protected (2S, 3R)-1-Halo-2-hydroxy-3-amino-4-phenylthiobutane or its enantiomer". (Convention No. 9-219104 on 29-7-97 & 10-139310 on 21-5-98 in Japan).
- 1294/Cal/98. Divecom Ltd. "Underwater communication apparatus and communication network". (Convention No. 121561 on 18-8-97 in Israel).
- 1295/Cal/98. Giovanni Arvedi, "Improved contact mould for the continuous casting of steel slabs". (Convention No. MI97A 001875 on 4-8-97 in Italy).
- 1296/Cal/98. Alza Corporation, "Osmotic delivery system, osmotic delivery system semipermeable body assembly, and method for controlling delivery rate of beneficial agents from osmotic delivery systems". (Convention No. 60/053,689 on 25-7-97 in U.S.A.).
- The 27th July 1998
- 1297/Cal/98. Kawasaki Steel Corporation, "Large unit weight hot-rolling process and rolling apparatus therefor".
- 1298/Cal/98. Ishikawajima-Harima Heavy Industries Co. Ltd., "Friction-Reducing ship and method for reducing skin friction". (Convention No. 9-351756 on 19-12-97 & 10-046354 on 13-2-98 in Japan).
- 1299/Cal/98. Commscope, Inc., "Coaxial cable and method of making same". (Convention No. 08/911, 538 on 14-8-97 in U.S.A.).
- 1300/Cal/98. Intel Corporation, "A circuit and method for configuring and registering a cryptographic device". (Convention No. 08/938,491 on 30-9-97 in U.S.A.).

- 1301/Cal/98. Coronet-Werke GMBH, "Tooth Brush". (Convention No. 19733758.9 on 5-8-97 in Germany).
- 1302/Cal/98. Coronet-Werke GMBH. "Brush, in particular for an electric toothbrush". (Convention No. 19734287.6 on 7-8-97 in Germany).
- 1303/Cal/98. Eskander Corporation N.V. "Waste outlet device". (Convention No. 9716498.2 on 4-8-97 in UK).
- 1304/Cal/98. Nalco Chemical Company. "A process to manufacture stabilized alkali or alkaline earth metal hypobromite and uses thereof in water treatment to control microbial fouling". (Convention No. 08/904,375 on 1-8-97 in USA).
- 1305/Cal/98. Siemens Aktiengesellschaft. "Method for producing a chipcard for contactless transmission of data and/or energy, as well as the chipcard". (Convention No. 19732644.7 on 29-7-97 in Germany).
- 1306/Cal/98. Siemens Aktiengesellschaft, "Read only memory and method for its production". (Convention No. 19732640.4 on 29-7-97 in Germany).
- 1307/Cal/98. Siemens Aktiengesellschaft, "Turbine, in particular steam turbine, and turbine blade". (Convention No. 97113045.5 on 29-7-97 in EPO).
- 3018/Cal/98. Siemens Aktiengesellschaft, "Burner". (Convention No. 19733145.9 on 31-7-97 in Germany).
- 1309/Cal/98. Siemens Aktiengesellschaft, "High-Temperature-resistant component and method of providing protection against oxidation". (Convention No. 19733146.7 on 31-7-97 in Germany).
- 1310/Cal/98. Siemens Aktiengesellschaft, "Data carrier for memorizing of value units, credit station and debit station for value units as also corresponding process for crediting and debiting". (Convention No. 19734926.9 on 12-8-97 in Germany).

The 28th July 1998

- 1311/Cal/98. Nand Kishore Bangur. "Modulus of count-down to millennium".
- 1312/Cal/98. Roke Manor Research Limited, "Radio transceiver system". (Convention No. 9715842.2 on 28-7-97 & 9815748.0 on 21-7-98 in United Kingdom).
- 1313/Cal/98. The University of Virginia Patent Foundation. "Synthetic insulin mimetic substances". (Convention No. 08/902,338 on 29-7-97 in U.S.A.).
- 1314/Cal/98. The Continuous-Cycle Engine Development Co. Limited. "Positive displacement pump". (Convention No. 328486 on 4-8-97 in New Zealand).
- 1315/Cal/98. Siemens Aktiengesellschaft, Process for manufacture of a chip module". (Convention No. 19732915.2 on 30-7-97 in Germany).
- 1316/Cal/98. Siemens Aktiengesellschaft, "Chipcard for contactless transmission of data and/or energy, as well as method for its production". (Convention No. 19733124.6 on 31-7-97 in Germany).
- 1317/Cal/98. Iscar Ltd., "A rotary cutting tool".
- 1318/Cal/98. Gea Energietechnik GMBH, "Built-In packing for the mass and/or heat exchange between gases and liquids". (Convention No. 19733480.6-41 on 1-8-97 in Germany).
- 1319/Cal/98. Siemens Corporate Research, Inc., "A system for providing targeted internet information to mobile agents". (Convention No. 08/904,711 on 1-8-97 in USA).

- 1320/Cal/98. 1. Shekaripuram Narayanaswamy Ramachandran; 2. Appavupavendhan; 3. Karuppuswamy Sukumar; 4. Srinivasan Thirupathi, "System for controlling breakages of longitudinally stretched article in a spinning machine".
- 1321/Cal/98. Shekaripuram Narayanaswamy Ramachandran; 2. Appavupavendhan; 3. Venkatakrishnasarma Hariharakrishnan; 4. Karuppuswamy Somasundaram, "A system to impart uniform test conditions for yarn for tensile testing".
- 1322/Cal/98. Shekaripuram Narayanaswamy Ramachandran 2. Ayyappankav Ganesan Raghunath; 3. Mariappan Anbarasan, "An apparatus and method for determination of mass variation of a longitudinal material and tracing the origin of defects and grading against established standards".

The 29th July 1998

- 1323/Cal/98. Dr. Rabindra Nath Mukherjee, "Human Dummy to reduce suffering of women".
- 1324/Cal/98. Debabrata Mondal, Indrajit Mondal & Asish Mondal, "Battery operated tri-colour torch".
- 1325/Cal/98. Van Leer Metallized Products (USA) Ltd., "A system and method for determining which of a plurality of visually indistinguishable objects have been marked with a covert indicator". (Convention No. 08/902,035 on 29-7-97 in U.S.A.).
- 1326/Cal/98. InteracticHoldings, LIC. "A scaleable low-latency switch for usage in an interconnect structure". (Convention No. 09/009,703 on 20-1-1998 in U.S.A.).
- 1327/Cal/98. Steag Aktiengesellschaft, "Method and apparatus for processing ceramic components". (Convention No. P19732547.5 on 29-7-97; P19751713.7 on 21-11-97 & P19804522.0 on 5-2-98 in Germany).
- 1328/Cal/98. Hitachi, Ltd., "Displacement type fluid machine". (Convention No. 09-205827 on 31-7-97 in Japan).
- 1329/Cal/98. Herberts Gesellschaft MIT Beschränkter Haftung, "Process for the application of a protective and decorative laminar structure". (Convention No. 19733312.5 on 1-8-97 in Germany).
- 1330/Cal/98. Masada Resource Group, L. L. C., "Method for obtaining acid and sugar". (Convention No. 60/054,676 on 4-8-97 & 09/042,587 on 17-3-98 in U.S.A.).
- 1331/Cal/98. Synthelabo, "4-OXO-3, 5-Dihydro-4H-pyridazino (4, 5-b) indole-1-acetamide derivatives, their preparation and their application in therapeutics". (Convention No. 9709692 on 30-7-97 in France).
- 1332/Cal/98. New Transducers Limited, "Sound radiating devices/systems". (Convention No. 9716412.3 on 5-8-97 in United Kingdom).

The 30th July 1998

- 1333/Cal/98. Dr. Subid Ray, "Method of preparing medicinal substance from cheese".
- 1334/Cal/98. Medtronic Inc., "Temporary luminal arteriotomy seal and method of connecting two blood vessels using said seal".
- 1335/Cal/98. Indian Jute Industries' Research Association, "Spinning machine".
- 1336/Cal/98. Samsung Electronics Co. Ltd., "Adaptive channel encoding method and device". (Convention No. 36265/1997 on 30-7-97 & 60101/1997 on 10-11-97 in Korea).
- 1337/Cal/98. De Nora S.P.A., "Ion exchange membrane fuel cell with peripheral cooling system". (Convention No. M197A 001871 on 4-8-97 in Italy).

- 1338/Cal/98. De Nora S.P.A., and ELF Atochem S.A., "Improved diaphragm chlor-alkali electrolysis cell". (Convention No. M197A 001920 on 8-8-97 in Italy).
- 1339/Cal/98. Siemens Aktiengesellschaft, "Equipment for secure drawing up of electronic signatures". (Convention No. 19734029.6 on 6-8-97 in Germany).
- 1340/Cal/98. W. Schlafhorst AG & Co., "Winding drum drive of a cheese-producing textile machine". (Convention No. P19735581.1 on 16-8-97 in Germany).
- 1341/Cal/98. Reilly Industries, Inc., "Supernucleophilic 4-substituted-pyridine catalysts, and processes useful for preparing same". (Convention No. 60/054,473 on 1-8-97 & 60/055,086 on 1-8-97 in U. S. A.).

APPLICATIONS FOR PATENTS FILED AT
THE PATENT OFFICE BRANCH,
WING 'C' (C-4 'A'), THIRD FLOOR, RAJAJI
BHAVAN, BESANT NAGAR, CHENNAI-600 090

The 1st December 1997

- 2745/Mas/97. (1) Ugine Savoie and (2) Unisor. Feed reservoir intended for retaining a molten metal and in particular a steel. (December 11, 1996; France).
- 2746/Mas/97. International Business Machine Corporation. Data hiding method and system using statistical properties. (December 25, 1996; Japan).
- 2747/Mas/97. Nokia-Maillefer Holding S.A. Arrangement in connection with a fibre process. (December 2, 1996; Finland).
- 2748/Mas/97. NEC Corporation. Radio selective call receiver in which call count and fee are informed. (December 12, 1996; Japan).
- 2749/Mas/97. Finchimica S.p.A., A continuous process for the nitration of aromatic substrates. (December 12, 1996; Italy).
- 2750/Mas/97. BASF Aktiengesellschaft. Substance mixtures comprising vinyl-containing compounds and stabilizers. (December 10, 1996; Germany).
- 2751/Mas/97. BASF Aktiengesellschaft. Stable aqueous dispersions, and stable water-dispersible dry powders of xanthophylls, their preparation and use. (December 12, 1996; Germany).
- 2752/Mas/97. F. Hoffmann-La Roche AG. Improved tentative carotenoid production. (December 2, 1996; Europe).
- 2753/Mas/97. Textilma AG. Thread control device. (September 8, 1997; Germany).

The 2nd December 1997

- 2754/Mas/97. C. S. Rama Swamy. Perpetual calendar.
- 2755/Mas/97. Markels Michael Jr. Method of increasing seafood production in the barren ocean. (December 17, 1996; U.S.A.).
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- 2757/Mas/97. Cabot Corporation. Compositions and articles of manufacture. (December 2, 1996; U.S.A.).
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The 3rd December 1997

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- 2770/Mas/97. Hoechst Aktiengesellschaft. Process for recovering cobalt carbonyl catalysts used in the preparation of N-acyl-alpha-amino acid derivatives amidocarbonylation. (December 5, 1996; Germany).

4th December 1997

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- 2775/Mas/97. Union Carbide Chemicals & Plastics Technology Corporation. Gas phase anionic polymerization of dienes and vinyl-substituted aromatic compounds. (August 19, 1996; U.S.A.).
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5th December, 1997

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ALTERATION OF DATE UNDER SECTION -16

Patent No. 181758 (730/Mas/95) Ante-dated to 13th September, 1991.

Patent No. 181760 (365/Mas/97) Ante-dated to 17th July, 1995.

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अन्तिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के सहित विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटों प्रतियां यदि कोई हों, के साथ विनिर्देशों का अंकित अथवा फोटों प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (वर्षांक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटों लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Int. Cl. : 32 E GR. [IX(1)]
1 E GR. [XLII(1)]

181731

Int. Cl. : C 08 F—2/00, D 06 M—14/00, 108G—2/38.

A METHOD FOR PREPARING PACKAGING FILMS/SHEETS MADE OF POLYMERIC MATERIALS HAVING IMPROVED TENSILE STRENGTH AND ELONGATION AT BREAK AND FILM SHEET MADE THEREBY.

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020. MAHARASHTRA, INDIA.

Inventors :

1. VELAYUDHAN NAIR GOPA KUMAR
2. ANIL NARAYAN GANDHI
3. DWARKANATH DATTATRAYA KALE.

Application No. : 302/Bom/94 filed on 30-06-94 complete after provisional left on 26-07-95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Mumbai-13.

13 Claims

A method for preparing packaging films/sheets made of polymeric materials having improved tensile strength and elongation at break which comprises preparing a blend of a synthetic polymer and a modified natural polymer made of starch which is grafted with hydrophobic vinyl/acrylic monomer and subjecting the blend to film/sheet forming operation in a conventional manner.

(Complete specification : 17 pages;

Drawings : Nil)

Ind. Cl. : 170 D 181732
 Int. Cl. : C 11 D 9/00.
 A PROCESS FOR PRODUCING A SOAP BAR.
 Applicants : HINDUSTAN LEVER LTD., 165/166, BACK-
 BAY RECLAMATION, BOMBAY-400 020, MAHARASH-
 TRA, INDIA.

Inventors :

1. JOHN GEORGE CHAMBERS.
2. GEOFFREY IRLAM.

Application No. 309/Bom/94 filed on July 1, 94.

U. K. Priority date July 5, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

10 Claims

A process for producing a soap bar comprising ---

- (a) 44 to 86.5% wt fatty acid soap;
- (b) 5 to 30% wt low molecular weight polyalkylene glycol;
- (c) 2.5 to 20% wt C 6 to C 12 fatty acid; and
- (d) 6 to 20% wt water;

wherein said process comprising the steps of:

- (i) mixing ingredients (a) to (d);
- (ii) drying the product of step (i); and
- (iii) milling, plodding and stamping the product of step (ii) into bars.

wherein the ratio of polyethylene glycol to C₆ to C₁₂ fatty acid is maintained in the range of 1:3 to 3:1.

(Compl. Specn. 21 pages;

Drngs. Nil.)

Ind. Cl. : 201 D Gr. [II(4)] 181733
 80 I, K Gr. [VI]
 Int. Cl. : B 01 D 13/00.

A CONTINUOUS PROCESS FOR THE TREATMENT OF WASTE WATER TO PRODUCE A PURIFIED STREAM OF WATER.

Applicants : INDIAN PETROCHEMICALS CORPORATION LTD., A GOVT. COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, OF P.O. PETROCHEMICALS, DISTRICT VADODARA, 391 346, GUJARAT, INDIA.

Inventors :

1. RAJ KUMAR JAGADAMBALAL.
2. DESAI JITENDRA DHIRUBHAI.
3. BHARDWAJ ISHWAR SINGH

Application No. 348/Bom/94 filed on 1-8-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

15 Claims

A continuous process for the treatment of waste water containing cyanide and other impurities to produce a purified stream of water for use in acrylonitrile manufacture which comprises passing said waste water through a membrane such as herein described at a temperature in the range of 20 to 80°C to produce a highly reduced reject stream containing impurities and the desired purified stream of water.

(Compl. Specn. 14 pages;

Drngs. Nil)

Ind. Cl. : 170 B [XLIII(4)] 181734
 Int. Cl. : C 11 D 7/14.

GRANULAR DETERGENT COMPOSITIONS CONTAINING ZEOLITE AND PROCESS FOR THEIR PREPARATION.

Applicants : HINDUSTAN LEVER LTD., 165/166, BACK-BAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

1. ANDREW PAUL CHAPPLE
2. PETER CORY KNIGHT
3. CHRISTOPHE JOYEUX
4. CORNELIS ELISABETH JOHANNES VAN LARE.

Application No. 380/Bom/94 filed on August 9, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

20 Claims

Synergistic bleaching granular detergent composition, comprising :

5—40% wt organic detergent active compounds selected from soap and non-soap anionic, cationic, nonionic, amphoteric or zwitterionic detergent active compounds and mixtures thereof,

10—80% wt of predried zeolite,

5—30% wt of a peroxygen bleach compound.

wherein the relative humidity of air at one atmosphere at 20°C in equilibrium with the composition does not exceed 60% and said zeolite having a moisture content (removable at 800°C) not exceeding 15% wt being mixed and granulated with the organic detergent active compound.

(Compl. Specn. 34 pages;

Drngs. Nil)

Ind. Cl. : 189 Gr. [LXVI (9)] 181735
 Int. Cl. : A 61 K-7/42.

A PROCESS FOR PREPARING A HYDROXY SALT.

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

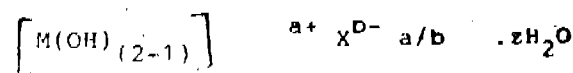
1. KEVIN RONALD FRANKLIN
2. CHARLES CRAIG NUNN.

Patent Application No. 388/Bom/94 filed on 11-8-94.
 G. B. Priority dated 13-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

7 Claims

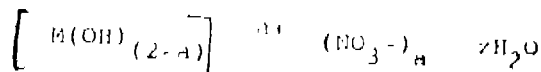
1. A process for preparing a hydroxy salt of formula :



wherein

M is a divalent metal chosen from Zn, Cu or a combination of both, and X represents anions, at least some of which display ultraviolet absorption over at least a portion of the wavelength range from 290 to 400 nanometers,

(i) preparing a hydroxy salt of formula



by treating a suspension of an oxide of metal M with a nitrate of metal M, preferably at an elevated temperature, followed by filtering off the resultant solid; and

(ii) suspending the hydroxy salt obtained in step (i) in an aqueous solution of the anions X, preferably at elevated temperature, so that ion exchange occurs to introduce the anions X into the hydroxy salt in place of the (NO_3^-) ions, and filtering off the resultant solid

(Compl. Specn. 22 pages;

Drgs. Nil.)

Ind. Cl. : 129 G, J Gr. [XXX(V)]

181736

Int. Cl. : B 23 K-20/00, B 65 H-21/00.

IMPROVEMENTS IN OR RELATING TO PROCESS OF BONDING PREFORMED ALUMINIUM AND OR OTHER METAL SHEETS AS ROLL BOND PANELS.

Applicants & Inventors : 1. SUMADHUR PANDURANG ABHYANKAR, 39/55, ERANDAWANA, PUNE-411 004, MAHARASHTRA, STATE INDIA

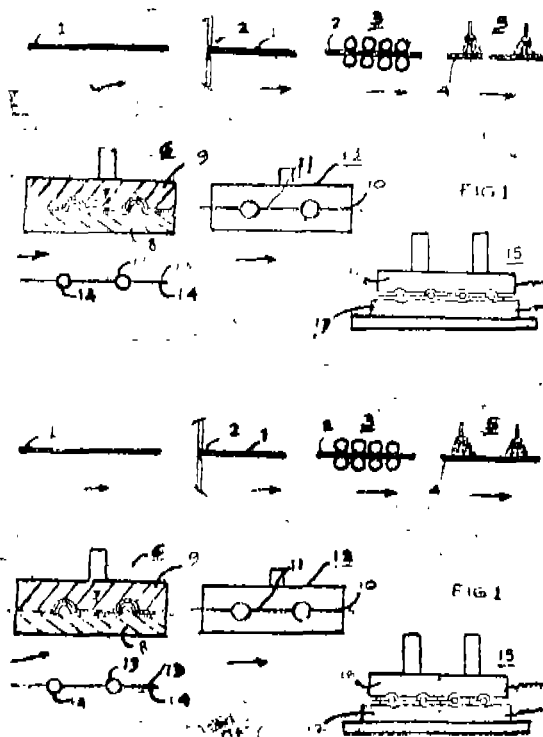
2. SAMEER ARUJ JOSHI, 21 AMAR SOCIETY, 44/2, ERANDAWANE PUNE-411 004, MAHARASHTRA STATE, INDIA. BOTH INDIAN NATIONALS.

Application No. 399/Bom/94 filed on 19-8-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Mumbai-13.

2 Claims

Improvements in or relating to process of bonding preformed aluminium and or any other metal sheets as roll bond pannels comprising formation of ducts by pressing the first cut to size metal sheet with the help of suitable die-punch/ such that the ducts shall be formed having a cross section of desired configuration and layout; the second sheet also will be similarly formed as a mirror image of the first sheet with the same or different configuration of the half cross section, there shall be applied glue or adhesive material on surfaces to come in contact and to be bonded; now both the sheets with glued surfaces facing each other are brought together to accomplish perfect bonding by suitably pressing them in two thick planks or sheets having correspondingly configured grooves to accommodate the ridges of the formed sheets such that the glued surfaces of the metal sheets will adhere together to form firm bond leaving hollow passage in desired configuration.



(Compl. Specn. 6 pages;

Drng. 1 sheet.)

Ind. Cl. : 176D [XLV(4)]

181737

Int. Cl. : F 22 D, 1/24.

IMPROVED TUBELESS OIL FIRED BOILER.

Applicant & Inventor : NOZER KERMAN DESAI, 12A, CHANDIVALI INDUSTRIAL ESTATE, SAKI VIHAR ROAD, BOMBAY-400 072, MAHARASHTRA, INDIA.

Application No. 577/Bom/94 filed on Dec 1, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Mumbai-13.

3 Claims

A Tubeless boiler comprising :—

- a boiler shell made of pair of concentric vertical metallic tubes, surrounded by a double walled casing with air path between said walls, and the said air path having two segment inter-connected at top of said casing and space between said casing and boiler shell forming fire passage, divided into two segments, connected at bottom by a separate passage such that said passage in one segment receives flue gas and said passage in other segment connected to Chimney;
- said boiler shell mounted on a fire box provided with oil burner receiving preheated air from said air path;
- one or more number of down comer pipe from the bottom of a steam separator, placed at higher level, connected to the said boiler shell at bottom;
- one or more number of riser pipe from the top of the said steam separator connected to the top of the said boiler shell; and
- a blower provided to the said air path in one segment and out let of said air path in other segment connected to the oil burner.

(Compl. Specn. 7 pages;

Drngs. 2 sheets.)

Ind. Cl. : 126 D (LV III (6))

181738

Int. Cl. : C 0/B, 25/36.

A PROCESS OF MAKING A DETECTOR STRIP FOR THE DETECTION OF PHOSPHINE GAS.

Applicants & Inventors : DR. KALLAI SHANMUGHAN AJAYKUMAR, DR. RAMAKRISHNA CHICKAYYA NAIK RAJNIKANT DEVIDAS SHROFR, OF RESEARCH AND DEVELOPMENT LABORATORY, UNITED PHOSPHOROUS LTD., 11, GIDC, VAPI-396195, GUJARAT, INDIA.

Application No. 583/Bom/94 filed on 7-12-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

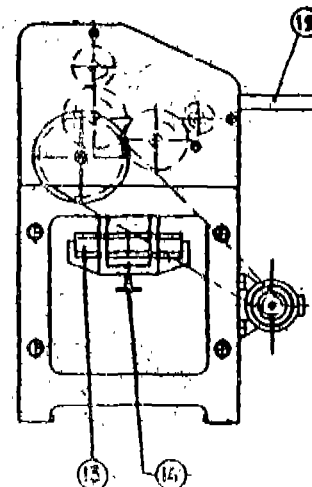
3 Claims

A process of making a detector strip for the detection of poisonous phosphine gas comprising impregnating a strip of paper in a mixture of methanolic solution of mercuric chloride, dimethyl yellow, thymol blue, sodium or potassium hydroxide, and alkaline earth chloride in a proportion of 2:1:1:0.5:2 characterised in that the pH is maintained between 8 to 10 for 1 to 4 hours in the room temperature, dried under vacuum and cut to the desired length and the width.

(Compl. Specn. 5 pages;

Drngs. Nil.)

(f) A feed table provided on the said frame member above the said squeezing roller for feeding sheet ply between the gap formed by said glue application roller.



(Compl. specn. 5 pages;

Drngs. 3 sheets)

Ind. Cl. : 145 D Gr. [XXIV]

181739

Int. Cl. : B 31 F-1, 28.

A SHEET PASTING MACHINE.

Applicant & Inventor : KALI PRASAD PODDAR AN INDIAN NATIONAL OF 13, ISHWAR BHAVAN, 'A' ROAD, CHURCHGATE, MUMBAI-400 020, MAHARASHTRA, INDIA.

Patent Application No. 5/Bom/95 filed on 2-1-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

A sheet pasting machine for sheet ply pasting to make corrugated Board comprises :—

- (a) A bottom glue application roller & a top pressure roller supported at a distance & Parallel to each other in a frame member with bearings housed in a bearing housing & Rotatably coupled by a gear means;
- (b) A glue lifting roller immersed in a vertically moveable glue tank parallel & adjacent to said glue application roller supported in the said frame member with bearing housed in bearing housing & rotatably coupled to said glue application roller through an idle gear means.
- (c) A glue squeezing roller parallel & adjacent to said glue lifting roller supported in the said frame member with bearings housed in bearing housing & coupled to said glue lifting rollers by a gear means.
- (d) A pulley means driven by prime mover/electric motor coupled to said glue application rollers by gear means.
- (e) An individual hand wheel control means provided to said pressure roller, glue lifting roller & glue squeezing roller for sliding the respective roller to vary the clearance as per requirement; and

2-237 GI/98

Ind. Cl. : 55D-1 [XIX(1)]

181740

Int. Cl. : A 01 N-3/00, 15/00.

A PROCESS TO MAKE A COMPOSITION FOR PREVENTING POST HARVEST DETERIORATION OF SUGARCANE.

Applicant & Inventor : VISHNUKUMAR MAHADEO KULKARNI N-22, INDRANAGARI, DAHANUKAR COLONY, PUNE-411 029, MAHARASHTRA STATE, INDIA.

Application No. 101/Bom/95 filed on 7-3-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

1 Claim

A process to make a composition for preventing post harvest deterioration of sugarcane consisting of taking initially 25 to 30 parts of water which is mildly heated if necessary with continuous stirring arrangements to which following ingredients are added viz. —

- (a) Indicator—0.05 to 2 parts of brilliant blue or titanium yellow singly or in combination to impart a colour to the final preparation;
- (b) there is added 2 to 20 parts of Neem Oil (Azadirachta indica), Karanji oil, extract of Turmeric (Curcuma Longa), Tulsi (Ocimum sanctum) singly or in combination as bacteriostatic film forming agent;
- (c) further there is added 2 to 25 parts of emulsifier such as Non-Ionic dispersant like NP 10 or ethoxylated compounds or Di-octylsulfosuccinate;
- (d) to which there is further added 2 to 20 parts of bacteriocidal agents such as Quaternary ammonium compounds like Benzyl Alkonium Chloride, Dichlorophenolate or the like;

entire mixture is stirred well and additional water is added to make a total of 100 parts of this composition.

(Compl. Specn. 4 pages;

Drng. Nil.)

Ind. Cl. : 61 H

181741

Int. Cl. : F 26 B 1st/00.

AN APPARATUS AND A PROCESS FOR PRODUCING DRY SPUN FIBRES BY DRYING AND HEAT TREATING WET SPUN FIBERS.

Applicant : E I DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventor : TERRY SONG-HSING CHERN.

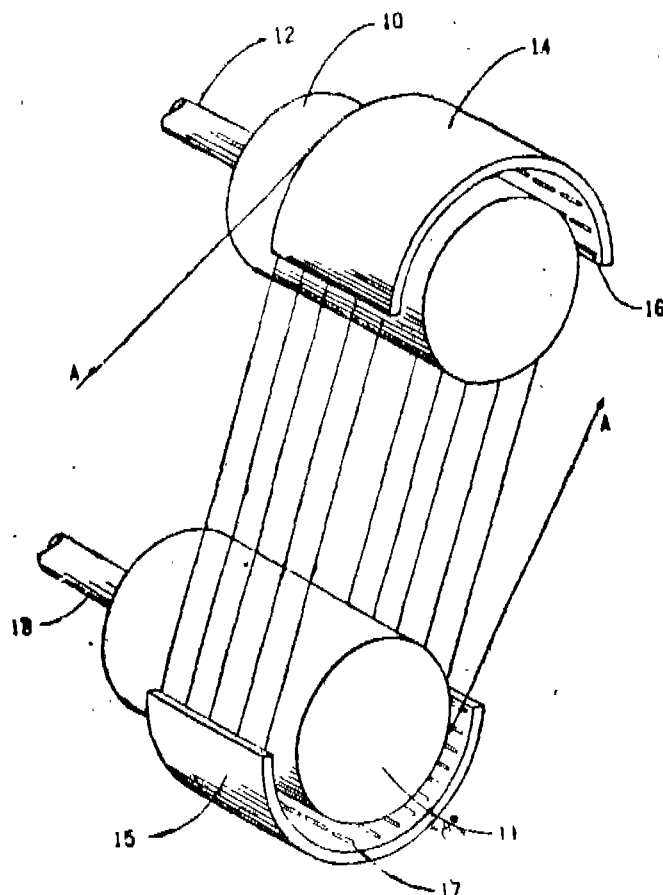
Application No. 219/CAL/1990 filed on 16th March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

11 Claims

An apparatus for producing dry spun fibers by simultaneously drying and heat treating wet spun fibers under tension comprising :—

- (a) at least one internally heated fiber carrying roll, said roll being rotatably driven;
- (b) gas jets positioned over the roll;
- (c) a jet support positioned over the gas jets; and
- (d) tension means.



(Compl. Specn. 17 pages;

Drgns. Nil)

Ind. Cl. : 128 A

181742

Int. Cl. : A 61 B 19/08.

MULTI-ELEMENT SURGICAL DRAPE.

Applicant : JOHNSON & JOHNSON MEDICAL, INC., OF 2500 ARBROOK BLVD. ARLINGTON, TX, 76004-3030, UNITED STATES OF AMERICA.

Inventors :

1. DAVID BUTTERWORTH.
2. SUSAN L. O'CONNELL.

Application No. 285/CAL/94 filed on 20th April, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

7 Claims

A multi-element surgical drape, comprising :

(a) a bottom sheet for placement over a patient and comprising :—

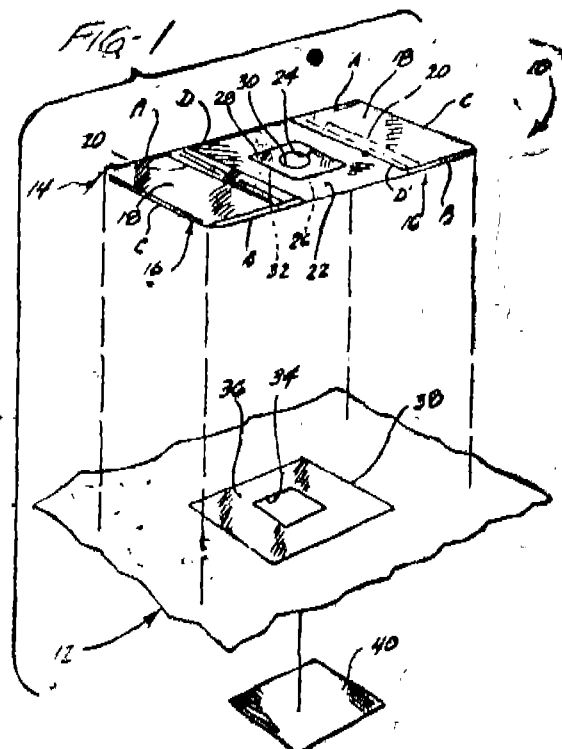
- (i) a bottom surface for contacting the patient,
- (ii) a top surface for facing away from the patient after placement, and
- (iii) a fenestration;

(b) a top sheet comprising :—

- (i) a bottom surface facing the bottom sheet and a top surface facing away from the bottom sheet,
- (ii) attachment means on the bottom surface that attach to the receptor means on the bottom sheet to removably secure the top sheet to the bottom sheet, and
- (iii) a fenestration smaller than, and aligned with the fenestration in the bottom sheet; and

(c) a pouch on the top surface of the top sheet, near the fenestration for collecting fluid runoff during surgery, the pouch comprising :—

- (i) a top edge and bottom edge joined by two opposing side edges, the side edges and bottom edge being sealed closed,
- (ii) means for detachably sealing the top edge to permit opening the pouch to receive fluid and then closing the pouch to prevent leakage of the fluid.



(Compl. Specn. 16 pages;

Drgns. 10 sheets)

Cl. : 32 F₁ + 40 F

181743

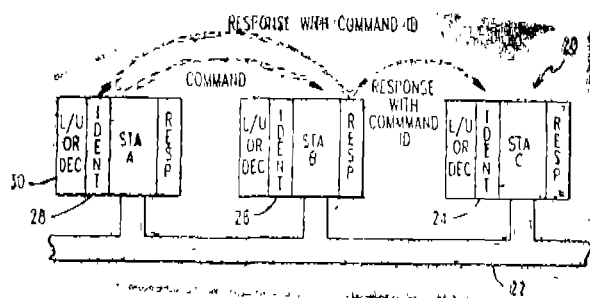
Application No. 442/Cal/1994 filed on 13th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A multi-master supervisory system for a communications network with a plurality of master stations 20 (24, 26, 28) communicating data video or telephone signals through a communication medium 22, characterized in that, the plurality of said master stations capable of operation at the same time so as to control a plurality of other said stations and also slave stations by sending command thereto, each of said stations comprising :

- a response means (RESP at 24, 26, 28) for sending a signal through said communication medium in response to a command associated with the monitor means (24', 26', 28'), received from any of said master stations;
- a signal identifying means (IDENT at 24, 26, 28) identifying the command received; and
- said identifying means at each of said master stations for receiving said signal and identifying the command in the signal so that each of said master stations is aware of commands sent by every other one of said master stations.



(Compl. Specn. 9 Pages;

Drgns. 2 Sheets)

Cl. : 90 I

181745

Int. Cl. : C 03 C 8/20

A PROCESS FOR PRODUCING A ZIRCONIA BASED OPACIFIER.

Applicant : TECHNOLOGICAL RESOURCES PTY LTD., OF 55 COLLINS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA.

Inventors :

1. MATTHEW JON LIDDY
2. ROSS ALEXANDER MCCLELLAND
3. MICHAEL JOHN HOLLITT.

Application No. 515/Cal/1994 filed on 30th June, 1994.

(Convention No. PL 9706 on 30-6-93 in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A process for producing a zirconia-based opacified which process comprises the steps of :

- (a) heating a zirconia-based material, such as herein described, in the presence of an additive selected from the group consisting of silica, a metal oxide which exhibits a preference for forming compounds with silica rather than zirconia, a metal compound which decomposes to form a said metal oxide and mixtures thereof, to form a heat modified product comprising a zirconia phase and a phase comprising a compound of the metal, the additive and zirconia-based material being present in a weight ratio of less than about 1 : 1, and

A PROCESS FOR OBTAINING ACETIC ACID FROM A WATER SOLUTION OF ACETIC ACID.

Applicant : GLITSCH, INC., OF 4900 SINGLETON BOULEVARD, DALLAS, TEXAS 75212, UNITED STATES OF AMERICA.

Inventors :

1. RONALD G. GUALY
2. JOSEPH C. GENTRY
3. WISTON LAMSHING.

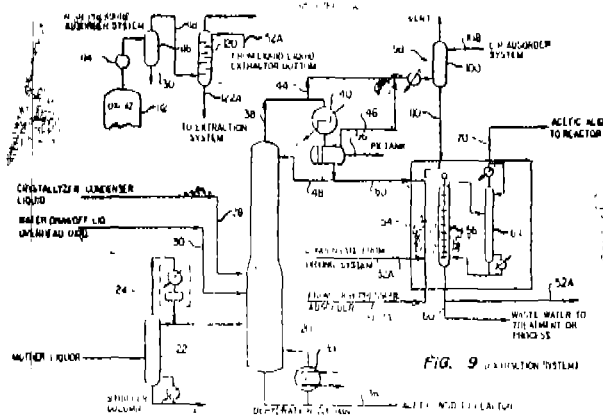
Application No. 405/Cal/1994 filed on 30th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

18 Claims

A method for obtaining acetic acid from a water solution of acetic acid comprising :

- a) feeding at least one input acetic acid-containing water stream from a plant utilizing water solution of acetic acid to a dehydration device and applying heat to said input stream received by said device to separate acetic acid from water in said device to thereby produce an output bottom stream of relatively concentrated acetic acid in water, and an output overhead stream of relatively dilute acetic in water;
- (b) condensing acetic acid and water from said output overhead stream to form an output overhead condensate;
- (c) feeding said output overhead condensate to a liquid extraction system and contacting it with a liquid extractant in a contactor of said extraction system to extract acetic acid from said condensate and thereby form a first contactor output stream containing acetic acid and extractant, and a second contactor output stream containing water; feeding said first contactor output stream to an extraction system separator device and separating the acetic acid and the extractant therein to produce an extractant output stream for recycle to said contactor and an acetic acid output stream.



(Compl. Specn. 30 pages;

Drgns. 8 sheets.)

Cl. : 187 H

181744

Int. Cl. : H 04 Q 9/00

MULTI-MASTER SUPERVISORY SYSTEM.

Applicant : HARRIS CORPORATION, OF 1025 NASA BLVD, MELBOURNE, FLORIDA 32919, UNITED STATES OF AMERICA.

Inventor : MEHRALI PARKHOLEH.

- (b) cooling the heat modified product to form a material comprising said zirconia phase exhibiting opacifying characteristics when incorporated into a glaze and the glaze is fired; and optionally,
- (c) said cooled, heat modified product being subjected to acid leaching to remove impurities and to decompose phases other than the zirconia phase to form a further zirconia phase and enhance opacifying effects.

(Compl. Specn. 20, Pages;

Drgns. Nil)

Cl. : 85 K

181746

Int. Cl. : B 01 J 4/00, 8/38.

GRAVIMETRIC FEEDING DEVICE FOR SUPPLYING FUEL AND SORBENT TO A CIRCULATING FLUIDIZED BED BOILER.

Applicant : COMBUSTION ENGINEERING INC., 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

Inventor : GARY ALLEN COTE.

Application No. : 547/Cal/1994 filed on 11th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A gravimetric feeding device for supplying fuel and sorbent to a circulating fluidized bed boiler which comprises :

a loop shaped continuous belt feeder (40) for moving materials in a generally horizontal direction;

first and second belt scales (42, 44) disposed at spaced axial points along said belt;

means (16) for continuously moving belt sequentially past said first belt scale and then past said second belt scale and then dumping all materials from said belt;

means (46) for depositing fuel in said continuous belt before said first belt scale whereby the fuel will continue past said first belt scale and said second belt scale and will then be dumped off said belt;

means (48) for depositing sorbent material on said continuous belt intermediate said first and second belt scales so that first belt scale measures the quantity of fuel added to said continuous belt and said second belt scale measures the weight of both said fuel and said sorbent added to said belt;

means (52) for determining the time required for fuel on said belt to move from the location of said first belt scale to said second belt scale and means (50) for comparing the weight at said first belt scale, after the lapse of the time required for fuel to pass from said first belt scale to said second belt scale to the instantaneous weight of fuel and sorbent at said second belt scale.

(Compl. specn. : 9 pages

Drgns. : Nil)

Cl. : 145 E 123

181747

Int. Cl. : D 21 D 5/02.

DEVICE AND METHOD FOR PRODUCING WASHED CELLULOSE PULP FIBERS.

Applicant : BELOIT TECHNOLOGIES INC., OF 300 DELAWARE AVENUE, SUITE 512 WILMINGTON, DELAWARE 19801, UNITED STATES OF AMERICA.

Inventors : LUIGI SILVERI

WILLIAM ANTHONY GERO

GODA RANGAMANNAR.

Application No. : 555/Cal/1994 filed on 13th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

21 Claims

A device for producing washed cellulose pulp fibers comprising in combination ;

a hollow body defining axially extending pressurizable compartments for receiving a slurry flow of pulp fibers in a carrying liquid and provided with a slurry inlet and a slurry outlet;

a first and a second stationary annular wash filter disposed coaxially within said body, providing barriers to the passage of pulp fibers from one side of each filter to an opposite side of each filter but allowing liquid to pass therethrough;

said first annular wash filter being disposed radially inwardly and spaced from said second annular wash filter;

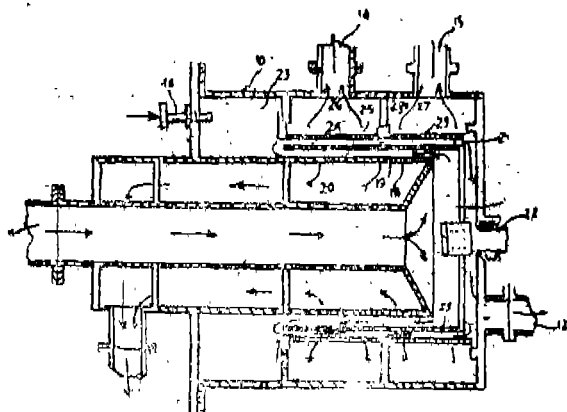
channeling means within the body positioned to conduct the slurry axially past said one side of the first filter and thereafter in a reverse axial direction past said one side of said second filter;

means for generating pulses in said slurry on said one side of said filters so that liquid passes through the filters;

means for creating axial velocity past said first and second wash filters;

radial velocity generating means for dewatering the pulp stock travelling along said filters; and

a wash liquid inlet leading into the body for mixing with the slurry and replacing liquid removed through the filters.



(Compl. specn. : 21 pages

Drgns. : 2 sheets)

Cl. : 32 D, 40 B

181748

Int. Cl. : C 08 F 110/02, 210/02, 4/64, 4/68, 4/78.

PROCESS FOR THE PREPARATION OF ELASTOMERIC COPOLYMERS OF ETHYLENE.

Applicant : MONTELL TECHNOLOGY COMPANY BV., OF HOEKSTEEEN 66, 2132 HOOFDROP, THE NETHERLANDS.

Inventors : MAURIZIO GALIMBERTI
EURICO ALBIZZATI.

Application No. 715/Cal/1994 filed on 7th September, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

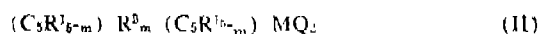
6 Claims

A process for the preparation of an elastomeric copolymer of ethylene, comprising the slurry polymerization reaction of a mixture comprising ethylene, propylene and at least one alpha-olefin of formula (I) :



wherein R is an alkyl radical containing from 2 to 10 carbon atoms, in a reaction medium which consists essentially of liquid propylene and alpha-olefin together with the dissolved gaseous ethylene, at a temperature comprised between 0°C and 200°C, in the presence of a no-prepolymerized catalyst which is a contact product of :

(A) a metallocene compound of formula (II)



wherein

M is Ti, Zr, Hf or V;

the C_5R^{1-m} groups, same or different, are cyclopentadienyl rings equally or differently substituted;

R^1 , same or different, are hydrogen atoms or alkyl, alkenyl, aryl, alkylaryl or arylalkyl radicals containing from 1 to 20 carbon atoms, which can also contain Si or Ge atoms, or $\text{Si}(\text{CH}_3)_2$ groups, or also two or four substituted R^1 of a same cyclopentadienyl group can form one or two rings having from 4 to 6 carbon atoms;

R^2 is a group bridging the two cyclopentadienyl rings and is selected from CR^3_2 , C^3R^3 , SiR^3 , Si_2R^3 , Ge^3 , Ge_2 , R^3 , R^3SiCR^3 , NR^3 and PR^3 , wherein R^3 same or different, are defined as R^1 or two or four substituents R can form one or two rings having from 5 to 6 carbon atoms;

Q, same or different, are halogen atoms, hydrogen atoms, R^1 , OR^1 , SR^1 , NR^1 or PR^1 ;

m can be 0 or 1; and

(B) an alumoxane, or one or more compounds able to give a metallocene alkyl cation;

the said process being characterised in that the amount of alpha-olefin of formula (I) in the said mixture is at least 15% by weight.

Compl. specn. : 24 pages

Drgns. : Nil.

Cl. : 55 E F

181749

Int. Cl. : A 01 N 57/10
C 07 B 63/00.

"A METHOD FOR PURIFYING O, S-DIMETHYL N-ACETYLPHOSPHORAMIDOTHIOATE".

Applicant : SUMITOMO CHEMICAL COMPANY, LIMITED, OF 5-33, KITAHAMA-4-CHOME, CHUO-KU, OSAKA, JAPAN.

Inventors : 1. YOJI SAKITO
2. MAMORU SHIRAHATA
3. YUJIRO KIYOSHIMA
4. KAZUYA MINAMI SAKA.

Application No. : 1083/Cal/95 filed on 11th September, 1995.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

6 Claims

A method for purifying O, S-dimethyl N-acetylphosphoramidothioate, which comprises subjecting a crude crystal to recrystallization by using a two-phase solvent system comprising water and an organic solvent which is an aromatic hydrocarbon such as herein described, an aliphatic carboxylic acid ester such as herein described or an aliphatic ketone such as herein described wherein the amount of water ranges 0.1 to 2 parts by weight and the amount of organic solvent ranges 1 to 20 parts by weight relative to 1 part by weight of crude O, S-dimethyl N-acetyl-phosphoramidothioate.

Compl. specn. : 24 pages

Drgns. : Nil.

Cl. : 83 A 1

181750

Int. Cl. : A 23 G 9/00.

"A METHOD FOR THE MANUFACTURE OF DEFORMABLE ICE CONFECTION".

Applicant : HINDUSTAN LEVER LIMITED, OF 165/166 BACKBAY RECLAMATION, MUMBAI-400 020.

Inventor : RODNEY DAVID BEE.

Application No. : 807/Cal/96 filed on 2nd May, 1996.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

5 Claims

A method for the manufacture of a deformable ice confection comprising admixing

(i) a plurality of water ice particles having oblate ellipsoidal forms; and

(ii) a deformable medium; and

storing the resulting products at a temperature in the range from about 0°C to about -20°C,

wherein the ellipsoidal water ice particles form at least 5% of the volume of the total confection.

Compl. specn. : 10 pages

Drgns. : Nil

Ind. Cl. : 07-A, 07-C

181751

Int. Cl. : H 01 H 85/00.

AN OUTDOOR GAS (SF₆) FILLED PORCELAIN CLAD CIRCUIT BREAKER.

Applicant : S & S POWER SWITCHGEAR LIMITED, PORUR, MADRAS-600116, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventor : KARUR SRINIVASAN MADHAVAN.

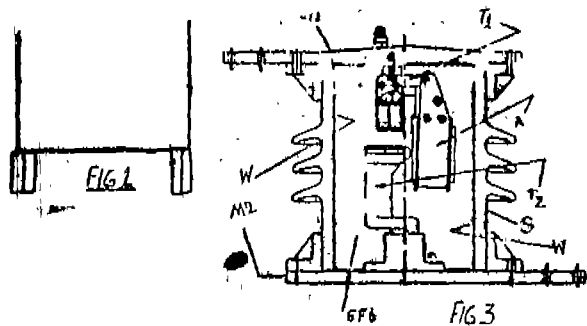
Application No. : 764/Mas/92 filed on 23rd December, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

2 Claims

An outdoor gas (SF₆) filled porcelain clad circuit breaker comprising at least one sealed, gas-tight, porcelain shell which is provided at its top and bottom with first and second metal covers, said shell containing pressurised SF₆ gas and accommodating fixed and movable contacts pertaining to a single electric phase, said contacts being electrically connected, respectively, to the first and second metal covers; an

arc coil for creating a rotating arc, the said shell and covers having a withstand-pressure strength above the operating gas pressure, whereby the gas pressure is taken up entirely and safely by the wall and covers of the said shell.



(Com. : 9 Pages : Drawg. 1 sheet)

Ind. Cl. : 32-B

181752

Int. Cl. : C 10 G 45/32.

A CONTINUOUS PROCESS FOR THE SELECTIVE HYDROGENATION OF DIOLEFIN CHARGE TO OBTAIN MONOOLEFINS HAVING A DESIRED QUALITY.

Applicant : INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4, AVENUE DE BOIS PREAU 92502 RUEIL MALMAISON, FRANCE.

Inventors : (1) JEAN COSYNS,
(2) PATRICK SARRAZIN,
(3) JEAN-PAUL BOITIAUX,
(4) CHARLES CAMERON,

Application No. : 159/Mas/93 dated March 3, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A continuous process for the selective hydrogenation of diolefin charge to obtain monoolefins having a desired quality, the said process comprising the steps of :

- distributing a catalyst having, at least one Group VIII metal deposited on a carrier in a series of beds disposed in one or more reactors;
- introducing the diolefin charge into the last bed of the said series;
- recovering the monoolefins therefrom;
- determining the quality of the monoolefins;
- if monoolefins of desired quality is not obtained; progressively feeding the diolefin charge to the proceeding bed upstream of the last bed;
- passing the effluent therefrom to the last bed of the said series;
- recovering the monoolefins therefrom;
- determining the quality of the monoolefins;
- if monoolefins of desired quality is not obtained, feeding the diolefin charge to the preceeding bed upstream of the bed to which the diolefin charge was fed in the previous feeding step;
- allowing the effluent to pass through the successive beds of the said series;
- recovering the monoolefins from the last bed;
- repeating the steps (h) to (k) till monoolefins of desired quality is obtained.

(Com. - 19 Pages; Drawg. - 1 sheet).

Ind. Cl. : 63 F

181753

Int. Cl. : H 02 K 41/035.

"THE NEW COMMUTATORLESS D.C. MOTOR"

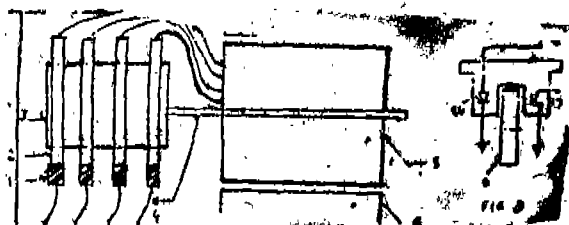
Applicant & Inventor : VINUSOMAN, PUSHPAK; ULLLOOR, GARDENS, UG-68, ULLLOOR MEDICAL COLLEGE, POST, TRIVANDRUM, KERALA, AN INDIAN NATIONAL.

Application No. 492/Mas/93 filed 19th July 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

1 Claims

A d.c. commutatorless motor with precise electronic control comprises a special d.c. motor winding on the shaft which is a closed d.c. winding where e.m.f.s in adjacent conductors are diverging and also where e.m.f.s in adjacent conductors are meeting connected to the output of single phase invertors, also points in the winding which are shifted from the above points at a distance equal to $1/2$ pole pitch measured in terms of slot incase of lap or wave winding are connected to another single phase inverter to receive input power to four predetermined points in the said winding, a position transducer with sensor being mounted of the said d.c. motor shaft, a schmitt trigger connected to said position transducer, the said schmitt trigger shape the pulse received from the position transducer an amplifier and a signal conditioner being connected to schmitt trigger, the said trigger circuit having its input from the amplifier and signal conditioner and its output activating single phase invertors, the control circuits energised from high or low voltage d.c. source, for triggering circuit to activate the said invertors so that any position of the d.c. motor shaft generates appropriate signals which the control circuit senses, shapes and generate control signals triggering power devices suitably to feed power to the rotor through brushes and slip rings of the d.c. motor so that voltages of same phase are applied to the armature winding for a rotation of rotor equal to $1/2$ pole pitch measured in terms of slot from single phase invertors alternatively, and on completion of above rotation voltage with a phase difference of 135 to 225 (optimum 180) are applied to the windings for a rotation of $1/2$ pole pitch measured in terms of slot in the same direction from single phase invertors alternatively, thus repeating the whole process so as to get full rotation of the rotor, the optimum degrees from reference position of the position transducer is $\pm 4 \pi /$ (No. of slots of armature to get maximum torque from the motor).



(Com. - 14 Pages;; Drwg. - 1 sheet).

Ind. Cl. : 53-C

181754

Int. Cl. : B 62 M 1/00

A SELF-PROPELLED ELEVATOR CAR.

Applicant : INVENTIO AG A SWISS COMPANY, OF SEESTRASSE 55 CH-6052 HERGISWIL SWITZERLAND.

Inventor : 1. WOLFGANG MULLER, GERMAN.

Application No. 682/Mas/93 filed on 27th Sept., 1993.

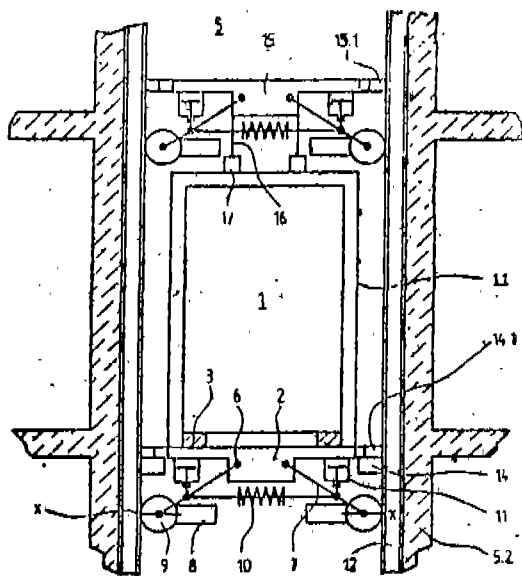
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A self-propelled elevator car for vertical travel in a shaft has a vertically acting friction wheel drive having friction wheels which project laterally beyond the sides of the car and are pressed in an approximately horizontal direction against an associated running surface on a wall of the shaft by a force applying device, the force applying device comprising :

a carriage attached to an elevator car which car travels in a shaft and exerts a load-dependent passive gravitational force on said carriage; and

a guide arm having one end pivotally attached to said carriage and extending downwardly and outwardly to an opposite free end, said opposite free end being connected to friction wheel for applying the load-dependent passive gravitational force as a passive contact pressure pressing the friction wheel against a wall of the shaft; said opposite free end being positioned closer to the wall of the shaft than said one end, said guide arm extending at a predetermined angle between a horizontal axis of the car and a straight line extending from a point at which said one end of said guide arm is pivotally mounted to a point of contact between the friction wheel and the wall of the shaft, said predetermined angle being selected to apply said passive contact pressure at a magnitude (F_n passive) sufficient to exceed a minimum necessary contact pressure magnitude (F_n min) during at least a portion of an operation of the elevator car in the elevator shaft.



(Com. 16 Pages;

Drwgs. 3 Sheets)

Ind. Cl. : 32-F2(1)

181755

Int. Cl. : C 07 D 401/00

A PROCESS FOR THE PREPARATION OF IMIDACLOPRID.

Applicant : RALLIS INDIA LIMITED, (A PUBLIC LIMITED COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) AND HAVING ITS RESEARCH CENTRE AT RALLIS RESEARCH CENTRE, 21 & 22, PEENYA INDUSTRIAL AREA, PHASE II, BANGALORE-560058, KARNATAKA, INDIA

Inventors :

- (1) DR. KANJIRAMPARA SIVASANKARAN
- (2) DR. KOTHAPALI SUNDARRAJA RAO
- (3) DR. KOTHAPALI RAMESH RATNAM.

Application No. 74/Mas/94 dated February 8, 1994.

Complete Specification left : May 8, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for the preparation of imidacloprid (I) as shown in the accompanying drawing sheets, which comprises of passing dry hydrogen chloride gas into a solution of ammonium thiocyanate in presence of organic solvents at a temperature range of -15 to 40°C to give 2,2-bis thiomethyl formimidine, as shown in the accompanying drawing sheets, followed by nitration of 2, 2-bis thiomethyl formimidine to give 2, 2-bis thiomethyl formimidine nitrate, which is then condensed with ethylene diamine in presence of reactive organic solvents to give 2-nitrimino-1, 3-dihydroimidazole (II) as shown in the accompanying drawing sheets, the intermediate 3-chloromethyl-6-chloropyridine (V) as shown in the accompanying drawing sheets is prepared by converting 6-chloro-pyridine-3-carboxylic acid to the corresponding acid chloride and then reduce in presence of a reduction catalyst and a base to give 6-chloro-3-hydroxymethyl pyridine, which is then converted to 3-chloromethyl 6-chloropyridine using thionyl chloride, 3-chloromethyl-6-chloropyridine (V) is then condensed with 2-nitrimino-1, 3-dihydro imidazole (II) in presence of inorganic bases and ketonic solvents to give imidacloprid (I),

(Prov. 7 Pages; Com. 17 Pages; Drwgs. 3 Sheets)

Ind. Cl. : 32 F.2 (a)

181756

Int. Cl. : C 07 C 87/00

A PROCESS FOR THE PREPARATION OF PENDIMETHALIN.

Applicant : RALLIS INDIA LIMITED, (A PUBLIC COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) AND HAVING ITS RESEARCH CENTRE AT, RALLIS AGROCHEMICAL RESEARCH STATION, 21 & 22, PEENYA INDUSTRIAL AREA, PHASE II, BANGALORE-560058, KARNATAKA, INDIA.

Inventors :

- (1) DR. K. SIVASANKARAN
- (2) DR. K. SUNDARRAJA RAO
- (3) DR. M. S. MITHYANTHA
- (4) MR. K. N. RAVI KUMAR.

Application and Provisional Specification No. 237/Mas/95 dated 28th February, 1995.

Complete specification left on 26th February, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for the preparation of Pendimethalin (1) as shown in the accompanying drawing sheets in which 3, 4-vylidine is condensed with Diethylketone in presence of a solvent, catalyst, under a temperature range of 50-110°C, which would enable the azeotropic distillation of water to give Schiff base, which is then reduced using a reduction catalyst and a pressure of 6-15 kg/cm to give N (1-Ethylpropyl), 3, 4-dimethyl aniline, which is then nitrated in presence of chlorinated solvents to give a mixture of N-Nitroso, N-(1-Ethylpropyl) 3, 4-dimethyl 2, 6-dinitroaniline and N (1-Ethylpropyl) 3, 4-dimethyl 2, 6-dinitroaniline, this mixture is refluxed with concentrated hydrochloric acid and substituted sulphonic acid to give pendimethalin.

(Prov. 6 Pages

Com. 9 Pages

Drwgs. 2 Sheets)

Ind. Cl. : 32 F 2 (b)

181757

Int. Cl.⁷ : C 07 D - 487/00**A PROCESS FOR PREPARING DIASTEREOMERIC CALCIUM SALTS OF FOLINIC ACID**

Applicant : BRACCO S.P.A. VIA E. FOLLI, 50, MILANO, ITALY, AN ITALIAN COMPANY.

Inventors :

- (1) ERNST FELDER
- (2) GIORGIO RIPA
- (3) CARLO DISTASO.

Application No. 686/Mas/95 filed on 07th June, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A continuous process for preparing pure [6S] and [6R] diastereomeric calcium salts of folinic acid comprising hydrolysing [6RS]-5, 10-methylenyl-5, 6, 7, 8-tetrahydrofoic acid chloride hydrochloride with at least a dibasic organic amine, selectively crystallising and separating the two diastereometric diamine salts [6S and 6R] from the mother liquor and converting [6S] and [6R] crystals thus separated into the corresponding calcium salts by treating the respective diamine salts with CaCl_2 in a weight ratio CaCl_2 /diamine salts ranging from 1 to 6, at a temperature from 0 to 35°C at a pH value of 6-7 to precipitate and isolate the respective [6S] and [6R] calcium folinates having an optical purity higher than 99%, treating the mother liquor obtained after separation of said calcium salts with a dipolar aprotic solvent or a polar protic solvent to precipitate unconverted diamino folinate diastereomer with an optical purity of higher than 99% for subsequent conversion to the corresponding calcium salts.

(Com. 24 Pages;

Dwgs. Nil Sheets)

Ind. Cl. : 11-C

181758

Int. Cl.⁴ : A 01 K 39/01**A FEEDER APPARATUS FOR BIRDS OR ANIMALS.**

Applicant : CTB, INC A CORPORATION OF THE STATE OF INDIANA, PO BOX 2000 STATE ROAD 15 NORTH, MILFORD, INDIANA 46542-2000 U.S.A.

Inventors :

- (1) THEODORE JOHN COLE
- (2) RAY SWARTZENDRUBER.

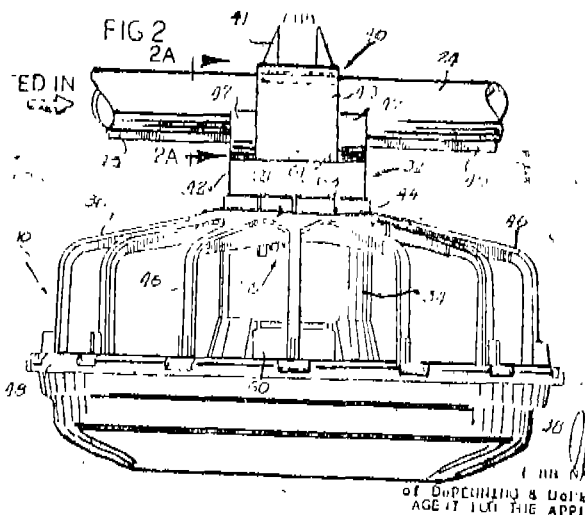
Application No. 730/Mas/95 filed on 16th June, 1995.

Divisional to Patent Application No. 6931M/91, Ante dated to 13th Sept. 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

4 Claims

A feeder apparatus comprising : a feeder tube; a feed pan for providing access to the feed having a circular perimeter of predetermined diameter; and a cone-like barrier having a central hub portion and a series of spoke members having an inverted L-shaped profile and T-shaped cross-section extending between said central hub and a circular lower perimeter portion having a diameter similar to the diameter of said circular perimeter of said feed pan to define a rectangular area within the feeder apparatus.



(Com. 20 Pages;

Dwgs. 7 Sheets)

Ind. Cl. : 83 A 1

181759

Int. Cl.⁴ : A 23 L 1/00**A PROCESS FOR PREPARING AN EDIBLE SPREAD.**

Applicant : NOVO JORDISK A/S, A DANISH JOINT-STOCK COMPANY, OF NOVO ALLE, 2880 BAGSVAERD, DENMARK.

Inventor : (1) LARS PETER ADNERSEN.

Application No. 1247/Mas/95 filed on 26th September, 1995.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

18 Claims

A process for preparing an edible spread, the said process comprising the following steps : (a) an aqueous phase comprising protein(s) is treated with a transglutaminase and/or component C and/or variants thereof derived from *Bacillus lecheniformis* as herein described, (b) the pH of the said phase is adjusted to a range from 4.8 to 6.0 (d) the said aqueous phase is tempered to a temperature between 30°C to 50°C (e) the said tempered aqueous phase is mixed with a known fat phase tempered to a temperature between 30°C and 50°C until an emulsion is formed, (C) the said emulsion is heated to a temperature between 60°C and 100°C, (d₃) the said emulsion is tempered to a temperature between 30°C and 50°C and (f) the said emulsion is crystallised by known means to obtain an edible spread.

(Comp. Specn. 23 Pages

Drwg. Nil)

Ind. Cl. : 35-F & 40C

181760

Int. Cl.⁴ : A 01 N 65/00**A PROCESS OF PREPARING STABLE AQUEOUS AZADIRACTIN CONTAINING AZADIRACTIN A PREDOMINANT PESTICIDAL COMPOSITION.**

Applicant : DALMIA CENTRE FOR BIOTECHNOLOGY, 9/38 C, SIRUVANI MAIN ROAD, KAJAMPALAYAM, COIMBATORE-641010, INDIA, AN INDIAN INSTITUTE.

Inventor : DR. PANCHAPAGESA MUTHUSWAMY MURALI.

Application No. 365/Mas/97 dated February 24, 1997.

Divisional to Patent Application No. 398/Mas/95; Ante-dated to July 17, 1995.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process of preparing storage stable aqueous Azadirachtin containing Azadirachtin A, a predominant pesticidal composition comprising :

- diluting 50,000—100,000 ppm Azadirachtin with 25,000 to 50,000 Azadirachtin A weight/volume with ethanol water solvent in the ratio 100-70 : 0-30 volume/volume to 2000-40000 ppm Azadirachtin containing 1000-20000 ppm of Azadirachtin A weight/volume,
- emulsifying the said diluted Azadirachtin with non-ionic and non-toxic emulsifying agents as herein described in an amount ranging from 0.2 to 30% and neem oil 20-50% volume/volume,
- adjusting the pH of emulsified diluted Azadirachtin to 3.5 to 6.0 by adding alkali solution,
- adding 1-2.5% sunscreen like p. aminobenzoic acid or its esters and 1-10% oleic acid volume/volume to create micro-emulsion for stabilising the composition with a good bio-efficacy.

Ref. cited :

- (1) Indian Patent Nos.
153415, 173449 and 173998.
- (2) U. S. Patent Nos.
4556562 and 5124349.

Agent : The Acme Company.

(Comp. 8 Pages)

CLAIM UNDER SECTION 20 (1) OF THE PATENTS ACT, 1970.

The Claim made by MANITOWOC CRANE GROUP, INC. NEVADA, U.S.A. under section 20 (1) of the Patents Act, 1970 to proceed the application for Patent No. 178492 (201/Mas/90) in their name has been allowed.

The Claim made by CLARIANT FINANCE (BVI) LIMITED, BRITAIN VIRGIN ISLANDS under Section 20 (1) of the Patents Act, 1970 to proceed the application for Patent No. 179151 (732/Mas/98) in their name has been allowed.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166663 granted to The Goodyear Tire & Rubber Company for an invention relating to "a process for making a self emulsifiable resin powder".

The patent ceased on the 9th July, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th September, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 12-11-1998 under Rule 69 of the Patents Rules, 1972. A Written

Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167972 granted to The Goodyear Tire & Rubber Company for an invention relating to "siloxane containing network polymer".

The patent ceased on the 2nd July, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th September, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 12-11-1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 168099 dated the 18th Dec., 1986 made by John Richard Gumley on the 29th October, 1997 and notified in the Gazette of India, Part III, Section 2, dated 12th December, 1997 has been allowed and the said Patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172790 granted to The Goodyear Tire & Rubber Company for an invention relating to "a pneumatic tire for heavy duty use".

The patent ceased on the 5th July, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th September, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents. The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 12th November, 1998 under Rule 69 of the Patents Rules, 1972. A Written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice, or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 176325 granted to Hitachi Construction machinery Co. Ltd. for an invention relating to "hydraulic drive installation for civil engineering and construction machine".

The patent ceased on the 18th June, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 5th September, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 12th November, 1998 under Rule 69 of the Patents Rules, 1972. A Written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

LIST OF CESSATION

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CAL-10, DEL-NIL, MUM-NIL, CHEN-33.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 174338, Astra Aktiebolag, a Swedish company of S 151 85, Sodertalje, Sweden, "FLUID CONTAINER", 22nd July 1997.

Class 3. No. 174363, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "LUNCH BOX", 23rd July 1997.

Class 3. No. 174364, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "CONTAINER SET", 23rd July 1997.

Class 3. No. 174365, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "BREAD BOX", 23rd July 1997.

Class 3. No. 174366, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "HANDLE FOR CONTAINER", 23rd July 1997.

Class 3. No. 174367, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "CONTAINER WITH HANDLE", 23rd July 1997.

Class 3. No. 174379, Sanjeev Khosla and Aarti Khosla, both Indians who are partners of Sanarti International of S 158, Greater Kailash Part II, New Delhi-110 048, India, "FLASHING TAIL LAMP", 24th July 1997.

Class 3. No. 174399, Renolds, a Societe Anonyme organised under the laws of France, of Chemin Des Huguenots, 2600, Valence, France, "FOUNTAIN PEN", 28th July 1997.

Class 3. Nos. 174390 & 174391, Ashok Kumar Chadha & Smt. Serla Rani, of B. R. Polymers, an Indian partnership concern, C 30, Man Sarover Garden, New Delhi-110 015, India, both Indian nationals of above address, "FLASK", 25th July 1997.

Class 3. No. 174394, Anchor Health & Beauty Care Pvt. Ltd., C-8, St. No. 22, MIDC, Marol, Andheri (E), Mumbai-400 093, Maharashtra, India, "TOOTH BRUSH", 28th July 1997.

Class 3. No. 174320, Parle Fruits & Foods Pvt. Ltd., having its regd. office at Western Express Highway, Andheri (E), Bombay-400 099, Maharashtra, India, "JAR", 17th July 1997.

Class 4. No. 174321, Parle Fruits & Foods Pvt. Ltd., having its regd. office at Western Express Highway, Andheri (E), Bombay-400 099, Maharashtra, India, "JAR", 17th July 1997.

Class 4. No. 174400, Mulder (India) Pvt. Ltd. of 12, Race Course Road, Madhavanagar, Bangalore-560 001, Karnataka, India, "TILE", 28th July 1997.

Class 4. No. 174322, The Indo-Asahi Glass Co. Ltd., Regd. & H.O. 3, Hungerford Street, Calcutta-700 017, West Bengal, India, an Indian company, "FIGURED GLASS", 17th July 1997.

Class 3. Nos. 174318 & 174319, Acqua Minerals Ltd., an Indian company having its registered office at 101, GIDC Industrial Area, Vatva, Ahmedabad 382446, Gujarat, India, "GLASS", 17th July 1997.

Class 10. No. 174309, Alfa Exporters & Fabricators (P) Ltd., of 8B/7A, Dev Nagar By pass Road, Agra, Uttar Pradesh, India, "SOLE FOR FOOTWEAR", 15th July 1997.

Class 10. No. 174358, Anka Shoe Exports, N-178, Panchshila Park, New Delhi-110 017, India, an Indian proprietorship concern, "FOOTWEAR", 23rd July 1997.

Class 10. No. 174386, Welcome Shoes Pvt. Ltd., of H. 24, Udyog Nagar, Industrial Area, Delhi-110041, Delhi State, India, "FOOTWEAR", 24th July 1997.

Class 11. No. 174389, Davinder Pal Gaba, trading as Mark Hosiery Mills, an Indian proprietary concern, B-32/741/1A, Bahadur-Ke-Road, Behind Dattu Mandi, G. T. Road (W), Ludhiana-141 008, Pb., India, an Indian national of the above address, "BRIEF", 25th July 1997.

Class 12. No. 174342, Trend Setters, an Indian company, a partnership firm whose partners are Mr. Sudhir Sekhri & Mrs. Kamla Ail Das, of A. 24, Mangol-puri Industrial Area, Phase II, Delhi-110 034, India, both Indian nationals, "SOCKS WITH POCKET", 22nd July 1997.

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170318, 170317, 166499, 173161, 169367, 169196, 169194, 169197, 169195, 159793, 158958, 158551, 158757, 159880, 171303, 159842, 159874, 169564, 168411, 165795, 164675, 169389, 164642, 164770, 169865, 170523, 168321, 167694, 165512, 164604—Class : 1.

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H. D. THAKUR

Controller General of Patent, Design & Trade Marks

